

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, we hereby declare that:

Our residence, post office address and citizenship are stated below next to our names.

We believe we are the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Metropolitan Networks Based on Fiber and Free Space Access Distribution Method**, the specification of which is attached hereto.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

We acknowledge the duty to disclose all information known to us, which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

None

We hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Alfred G. Steinmetz	(Reg. No. 22971)
Samuel H. Dworetsky	(Reg. No. 27873)
Robert B. Levy	(Reg. No. 28234)
Jeffrey M. Navon	(Reg. No. 32711)
Thomas A. Restaino	(Reg. No. 33444)
Michele L. Conover	(Reg. No. 34962)
Gary H. Monka	(Reg. No. 35290)
Susan E. McGahan	(Reg. No. 35948)
Cedric G. DeLaCruz	(Reg. No. 36498)
Robert T. Canavan	(Reg. No. 37592)
Benjamin S. Lee	(Reg. No. 42787)
Christine Szwerc	(Reg. No. 43177)
Thomas M. Isaacson	(Reg. No. 44166)

We also appoint Thomas H. Jackson (Reg. No. 29808) and Catherine A. Ferguson (Reg. No. 40877) of Banner & Witcoff as an associate attorney, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all correspondence to Mr. S. H. Dworetsky, AT&T Corp., P.O. Box 4110, Middletown, New Jersey 07748. Telephone calls should be made to Thomas H. Jackson at (202) 508-9100.

Inventor's signature

Date 10/3/2007

Citizenship: Australia

Post Office Address: 14 Robin Road
Rumson, NJ 07760


Sworn to and subscribed
before me this
3 day of Oct, 2001

J. BADDERS
PUBLIC OF NEW JERSEY
Commission Expires 11/30/2003

Robert Padden

Full name of 2nd joint inventor: Matthew J. Sherman

Inventor's signature



Date

10-3-01

Residence: Succasunna, Morris County, New Jersey

Citizenship: USA

Post Office Address:

4 Atlantis Drive
Succasunna, NJ 07876

Sworn to and subscribed
before me this
3 day of Oct, 2001

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2003



Full name of 3rd joint inventor: Jeevan P. Dodley

Inventor's signature _____ Date _____

Residence: Parsippany, Morris County, New Jersey

Citizenship: India

Post Office Address: 300 Parsippany Road, Apt. 18-S
Parsippany, NJ 07054

420990-1034-048660

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, we hereby declare that:

Our residence, post office address and citizenship are stated below next to our names.

We believe we are the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Metropolitan Networks Based on Fiber and Free Space Access Distribution Method**, the specification of which is attached hereto.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

We acknowledge the duty to disclose all information known to us, which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

We hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

None

We hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Alfred G. Steinmetz	(Reg. No. 22971)
Samuel H. Dworetsky	(Reg. No. 27873)
Robert B. Levy	(Reg. No. 28234)
Jeffrey M. Navon	(Reg. No. 32711)
Thomas A. Restaino	(Reg. No. 33444)
Michele L. Conover	(Reg. No. 34962)
Gary H. Monka	(Reg. No. 35290)
Susan E. McGahan	(Reg. No. 35948)
Cedric G. DeLaCruz	(Reg. No. 36498)
Robert T. Canavan	(Reg. No. 37592)
Benjamin S. Lee	(Reg. No. 42787)
Christine Szwerc	(Reg. No. 43177)
Thomas M. Isaacson	(Reg. No. 44166)

We also appoint Thomas H. Jackson (Reg. No. 29808) and Catherine A. Ferguson (Reg. No. 40877) of Banner & Witcoff as an associate attorney, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all correspondence to Mr. S. H. Dworetsky, AT&T Corp., P.O. Box 4110, Middletown, New Jersey 07748. Telephone calls should be made to Thomas H. Jackson at (202) 508-9100.

Full name of 1st joint inventor: David M. Britz

Inventor's signature _____ Date _____

Residence: Rumson, Monmouth County, New Jersey

Citizenship: Australia

Post Office Address: 14 Robin Road
Rumson, NJ 07760

099101-01278650

Full name of 2nd joint inventor: Matthew J. Sherman

Inventor's signature _____ Date _____

Residence: Succasunna, Morris County, New Jersey

Citizenship: USA

Post Office Address: 4 Atlantis Drive
Succasunna, NJ 07876

TOP OF PAGE

Full name of 3rd joint inventor: Jeevan P. Dodley

Inventor's signature Jeevan P. Dodley Date 10/16/01

Residence: Parsippany, Morris County, New Jersey

Citizenship: India

Post Office Address: 300 Parsippany Road, Apt. 18-S
Parsippany, NJ 07054

Mary L. Benson
MARY L. BENSON
Notary Public of New Jersey
My Commission Expires June 3, 2004

103101-042860